

Form PTO 1449

US DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

Atty Docket No 283-309.11

Serial No 10/092,788

Applicant Robert J. Hennick, et al.

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

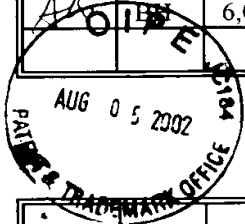
Filing Date March 7, 2002

Group 2876

U.S. PATENT DOCUMENTS

		Document Number	Date	Name	Class	Sub Class	Filing Date
AK	AA	4,488,679	12/18/1984	Bockholt et al.			
	AB	4,570,057	02/11/1986	Chadima, Jr. et al.			
	AC	4,743,773	05/10/1988	Katana et al.			
	AD	4,832,003	05/23/1989	Yabe			
	AE	4,953,539	09/04/1990	Nakamura et al.			
	AF	5,210,406	05/11/1993	Beran et al.			
	AG	5,331,176	07/19/1994	Sant' Anselmo et al.			
	AH	5,378,883	01/03/1995	Batterman et al.			
	AI	5,473,149	12/05/1995	Miwa et al.			
	AJ	5,504,367	04/01/1996	Arackellian et al.			
	AK	5,521,366	05/28/1996	Wang et al.			
	AL	5,550,675	08/27/1996	Komatsu			
	AM	5,589,679	12/31/1996	Dvorkis et al.			
	AN	5,598,007	01/28/1997	Bunce et al.			
	AO	5,600,116	02/04/1997	Seo et al.			
	AP	5,602,379	02/11/1997	Uchimura et al.			
	AQ	5,621,203	04/15/1997	Swartz et al.			
	AR	5,646,390	07/08/1997	Wang et al.			
	AS	5,656,805	08/12/1997	Plesko			
	AT	5,697,699	12/16/1997	Seo et al.			
	AU	5,703,349	12/30/1997	Meyerson et al.			
	AV	5,777,314	07/07/1998	Roustaei			
	AW	5,780,834	07/14/1998	Havens et al.			
	AX	5,783,811	07/21/1998	Feng et al.			
	AY	5,793,033	08/11/1998	Feng et al.			
	AZ	5,811,784	09/22/1998	Tausch et al.			
	BA	5,814,803	09/29/1998	Olmstead et al.			
	BB	5,834,754	11/10/1998	Feng et al.			
	BC	5,837,985	11/17/1998	Karpen			
	BD	5,880,450	03/09/1999	Katoh et al.			
AK	BE	5,880,452	03/09/1999	Plesko			

Exam Initial		Document Number	Date	Name	Class	Sub Class	Filing Date
AK	BF	5,920,061	07/06/1999	Feng			
AK	BG	6,000,612	12/14/1999	Xu			
AK		6,092,728	07/25/2000	Li et al.			



FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	Translation	Abstract
AK	BI	0 431 831 A1	11/29/1990	EP				
	BJ	0 548 951 A2	12/23/1992	EP				
	BK	0 905 537 A1	03/31/1999	EP				
	BL	0 944 017 A2	09/22/1999	EP				
	BM	24 45 27 A1	04/08/1976	DE				
AK	BN	99/41545	08/19/1999	WO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages Etc.)

Examiner	Alshik Kim	Date Considered 8-6-03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

RECEIVED
AUG - 8 2002
IC 2800 MAIL ROOM



PTO/SB-08A (10-01)

Approved for use through 10/31/2002 OMB 0651-0031
U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	10/092,789
Filing Date	March 7, 2002
First Named Inventor	Robert J. Hennick
Art Unit	2876
Examiner Name	Not yet assigned
Attorney Docket Number	293-309.11

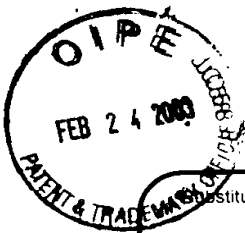
U.S. PATENT DOCUMENTS

Examiner	Cite No ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
AK	AA	US-5,850,078 A	12/15/1998	Symbol Technologies, Inc.	
	AB	US-5,763,864 A	06/09/1998	Meta Holding Corporation	
	AC	US-5,877,487 A	03/02/1999	Asahi Kogaku Kogyo Kabushiki Kaisha	
	AD	US-4,818,847 A	04/04/1989	Nippondenso Co., Ltd.	
	AE	US-6,019,286 A	02/01/2000	Metanetics Corporation	
	AF	US-6,060,722 A	05/09/2000	William H. Havens	
	AG	US-6,092,728 A	07/25/2000	Symbol Technologies, Inc.	
	AH	US-5,894,348 A	04/13/1999	Kensington Laboratories, Inc.	
	AI	US-6,045,047 A	04/04/2000	Welch Allyn data Collection, Inc.	
	AJ	US-6,029,893 A	02/29/2000	Symbol Technologies, Inc.	
	AK	US-6,039,255 A	03/21/2000	Asahi Kogaku Kogyo Kabushiki Kaisha	
	AL	US-5,917,171 A	06/29/1999	Matsushita Electric Industrial Co., Ltd.	
	AM	US-4,471,384	09/11/1984	Fujitsu Limited	
	AN	US-5,019,699	05/28/1991	Norand Corporation	
	AO	US-5,837,985 A	11/17/1998	Welch Allyn, Inc.	
	AP	US-5,572,006 A	11/05/1996	Metanetics Corporation	
	AQ	US-4,315,245 AA	02/09/1982	Sumitomo Electric Industries, Ltd.	
	AR	US-4,847,490	07/11/1989	Sumitomo Electric Industries, Ltd.	
	AS	US-5,010,241	04/23/1991	Hewlett-Packard Company	
	AT	US-5,059,778	10/22/1991	Mars Incorporated	
	AU	US-5,132,525	07/21/1992	Jerome Swartz	
	AV	US-5,280,162	01/18/1994	Symbol Technologies, Inc.	
	AW	US-5,359,185	10/25/1994	Norand Corporation	
	AX	US-5,468,950	11/21/1995	Norand Corporation	
	AY	US-5,510,607	04/23/1996	Kabushiki Kaisha TEC	
	AZ	US-5,598,007	01/28/1997	Intermec Corporation	
	BA	US-5,703,349	12/30/1997	Metanetics Corporation	
	BB	US-5,734,153	03/31/1998	Symbol Technologies, Inc.	
	BC	US-5,756,981	05/26/1998	Symbol Technologies, Inc.	
	BD	US-5,783,811	07/21/1998	Metanetics Corporation	
	BE	US-5,920,061	07/06/1999	Metanetics Corporation	
	BF	US-5,818,028	10/06/1998	Telxon Corporation	
	BG	US-5,992,751	11/30/1999	Norand Corporation	
AK	BH	US-5,912,451	06/15/1999	Symbol Technologies, Inc.	
Examiner Signature	Abshuk Kim			Date Considered	8-6-03

¹ EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

² Applicant's unique citation designation number (optional). ³ Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet **2** of **3**

Complete if Known

Application Number	10/092,789
Filing Date	March 7, 2002
First Named Inventor	Robert J. Hennick
Art Unit	2876
Examiner Name	Not yet assigned
Attorney Docket Number	293-309.11

U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
AK	BI	US-5,949,057	09/07/1999	Texon Corporation	
	BJ	US-5,992,753	11/30/1999	Metanetics Corporation	
	BK	US-6,062,475	05/16/2000	Metanetics Corporation	
	BL	US-6,123,263	09/26/2000	Meta Holdings Corporation	
	BM	US-6,179,208 B1	01/30/2001	Metanetics Corporation	
	BN	US-6,283,374 B1	09/04/2001	Robotic Vision Systems, Inc.	
	BO	US-6,129,276 A	10/10/2000	Texon Corporation	
	BP	US-6,168,079 B1	01/02/2001	Texon Corporation	
	BQ	US-6,223,986 B1	05/01/2001	PSC Scanning, Inc.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
AK	BR	EP	1 079 466	A2	02/28/2001	Sony Computer Entertainment Inc.		<input type="checkbox"/>
	BS	DE	1240 149	B	05/11/1967	IRC, Inc.		<input type="checkbox"/>
	BT	DE	1 233 038	B	01/26/1967	Siemens Aktiengesellschaft		<input type="checkbox"/>
	BU	EP	0 516 927	A2	12/09/1992	Data Logic optik Elektronik GmbH		<input type="checkbox"/>
	BV	EP	0 974 924	A2	01/26/2000	Eastman Kodak Company		<input type="checkbox"/>
	BW	EP	1 128 315	A1	08/29/2001	Datalogic S P A		<input type="checkbox"/>
	BX	EP	1 128 314	A1	08/29/2001	Datalogic S P A		<input type="checkbox"/>
	BY	EP	1 111 538	A1	06/27/2001	Datalogic S P A		<input type="checkbox"/>
	BZ	JP	4367085		12/18/1992	NIYUURON KK		<input type="checkbox"/>
	CA	JP	09035856		02/20/1997	Matsushita Electric Industrial Co., Ltd.		<input type="checkbox"/>
	CB	JP	05096227		04/22/1993	Tokyo Electric Co. Ltd.		<input type="checkbox"/>
	CC	JP	02041496		02/22/1990	Koufu Nippon Denki KK		<input type="checkbox"/>
	CD	JP	07011942		01/27/1995	Nippondenso Co. Ltd.		<input type="checkbox"/>
	CE	JP	56101256		07/01/1981	Sumitomo Electric Ind. Ltd.		<input type="checkbox"/>
	CF	JP	56151140		09/23/1981	Nippondenso Co. Ltd.		<input type="checkbox"/>
	CG	JP	54021869		02/28/1979	Hitachi Ltd.		<input type="checkbox"/>
	CH	JP	54021871		02/28/1979	Hitachi Ltd.		<input type="checkbox"/>
	CI	JP	01086220		04/05/1989	Matsushita Electric Industrial Co., Ltd.		<input type="checkbox"/>
	CJ	JP	54109425		08/28/1979	NIPPON TELEGR & TELEPH CORP <NTT>		<input type="checkbox"/>

Examiner
Signature

Abshik Kim

Date
Considered

8-6-03

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231



PTO/SB/08A (10-01)

Approved for use through 10/31/2002 OMB 0651-0031
U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

3

of

3

Complete if Known

Application Number	10/092,789
Filing Date	March 7, 2002
First Named Inventor	Robert J. Hennick
Art Unit	2876
Examiner Name	Not yet assigned
Attorney Docket Number	293-309.11

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
AK	CK	JP	61231912		09/30/1986	Tokyo Electric Co. Ltd.		<input type="checkbox"/>
	CL	WO	01/13158	A1	02/22/2001	Symbol Technologies, Inc.		<input type="checkbox"/>
	CM	WO	01/26035	A2	04/12/2001	PSC Scanning, Inc.		<input type="checkbox"/>
	CN	WO	97/115024	A1	04/24/1997	META Holding Corporation		<input type="checkbox"/>
	CO	WO	94/27250	A1	05/11/1994	Norand Corporation		<input type="checkbox"/>
AK	CP	WO	97/28512	A1	01/31/1997	PSC Inc.		<input type="checkbox"/>

Examiner
Signature

Abshik Kim

Date
Considered

8-6-03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.